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### **AMENDMENTS TO THE DRAWINGS**

The attached four sheets of drawings include changes to Figs. 63A, 65A, 86B, and 97D. These sheets, which include Figs. 63A, 65A, 65B, 86B, 97A, 97B, 97C and 97D, replace the original sheets including Figs. 63A, 65A, 65B, 86B, 97A, 97B, 97C and 97D.

Attachment: Replacement Sheets  
Annotated Sheets Showing Changes

## REMARKS

### In the specification

The specification has been amended to correct various spelling and grammatical mistakes, applicants assert that no new matter has been added.

Specifically, in the paragraph beginning on page 29, line 1, the words “and 96C” are added after the numerals “96B” and the word “two” is replaced with the word “three” to make the specification conform with the drawing Figures 96A-96C.

In the paragraph beginning on page 32, line 2, the word “application” is added after the word “patent” to correct a typing omission.

In the paragraph beginning on page 32, line 12, in the last line of the paragraph the word “and” is replaced with the word “when” to correct a typing mistake and the word “is” is added after the word “chamber” to correct a typing omission.

In the paragraph beginning on page 34, line 16, the word “of” is added after the words “threaded closure” to correct a typing mistake.

In the paragraph beginning on page 39, line 22, the word “of” is added after the words “threaded closure” to correct a typing mistake.

In the paragraph beginning on page 58, line 24, the word “of” is added after the words “threaded closure” to correct a typing mistake.

In the paragraph beginning on page 90, line 3, the word “an” is added before the words “inlet tube” to correct a typing mistake. The words “sample dish” are replaced with the words “electron gun” to correct a typing error and to make the specification conform with

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Fig. 85 of the drawings. Additionally the word “an” is added before the words “outlet tube” to correct a typing error.

In the paragraph beginning on page 91, line 4, the reference numeral “3070” is replaced with the reference numeral “3069” throughout the paragraph, in order to clearly distinguish the bottom portion 3069 of amended Fig. 86B from the plurality of slabs 3070 of Fig. 87A.

In the paragraph beginning on page 96, line 7, the word “with” is added before the words “the partition” to correct a typing mistake.

In the paragraph beginning on page 112, line 22, the word “fluerent” is replaced with the word “fluorescent” and the word “orophores” is replaced with the word “chromophores” to correct typing mistakes.

In the paragraph beginning on page 137, line 21, the words “and 96C” are added after the numerals “96B” and the word “two” is replaced with the word “three” to make the specification conform with the drawing Figures 96A-96C.

In the paragraph beginning on page 144, line 20, the word “Fog” is replaced with the word “Fig” and the word “flurine” is replaced with the word “fluorine” to correct typographical errors.

Additional minor amendments were made in the specification as marked in detail in the section entitled “AMENDMENTS TO SPECIFICATION” above. These amendments are editorial in nature to correct minor typographical, syntactic and grammatical mistakes. No new matter has been added by these amendments.

The Examiner’s approval and entry of the amendments to the specification is respectfully requested.

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In The drawings

In amended Fig. 63A, the redundant reference numeral 2132 is deleted.

In amended Fig. 65A, the redundant reference numerals 2140 and 2142 are deleted.

In Amended Fig. 86B the reference numeral "3070" is replaced with the reference numeral "3069" to make Fig. 86B conform with the Amended specification.

In Fig. 97D, the reference numeral "3286" is added to make Fig. 97B conform with the specification. Support for the amendment to Fig. 97D is found, inter alia, in page 138, line 17 of the specification.

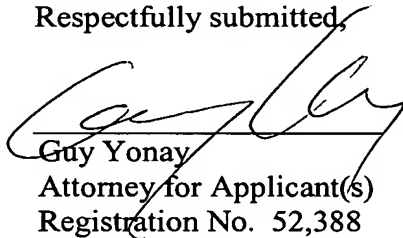
The Examiner's approval of the amendments to Figs. 63A, 65A , 86B and 97D is respectfully requested.

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Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below.

No fees are due, however, if any fee is due, the undersigned hereby authorizes the United States Patent and Trademark Office to charge the fees to Deposit Account 05-0649.

Respectfully submitted,



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Dated: December 29, 2004

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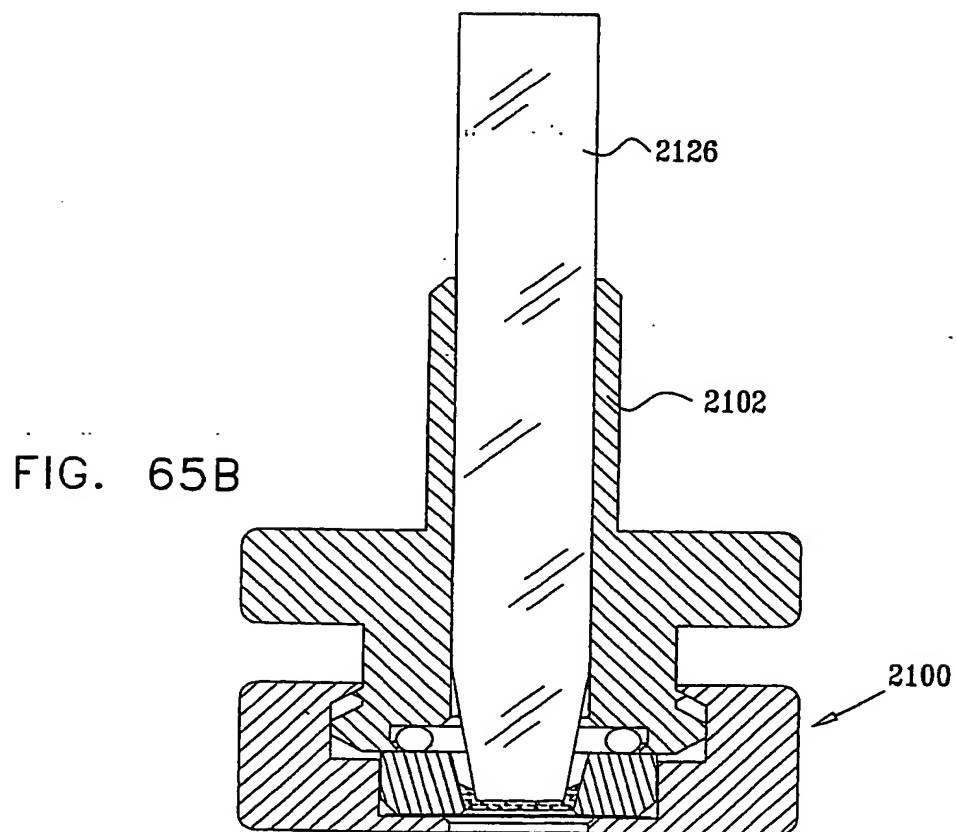
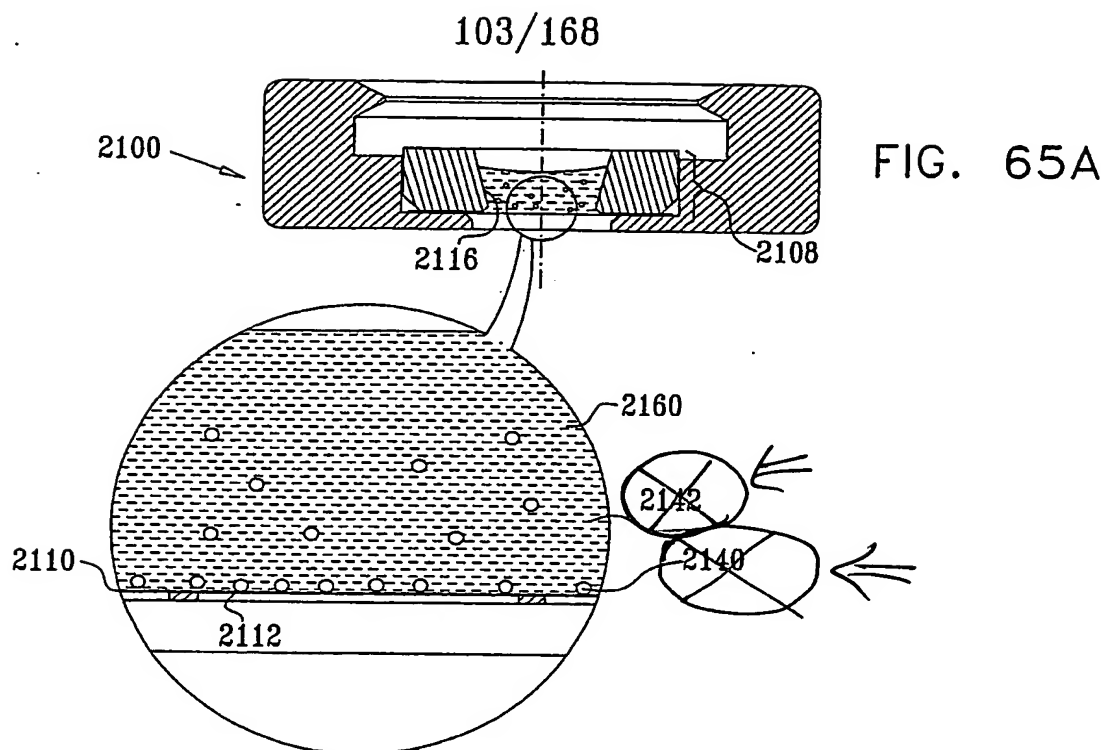
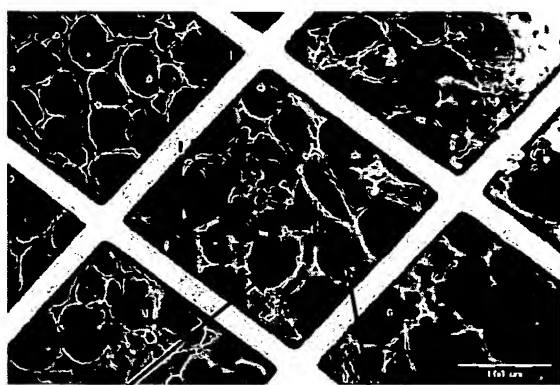


Fig. 97A



3280

3282

Fig. 97B

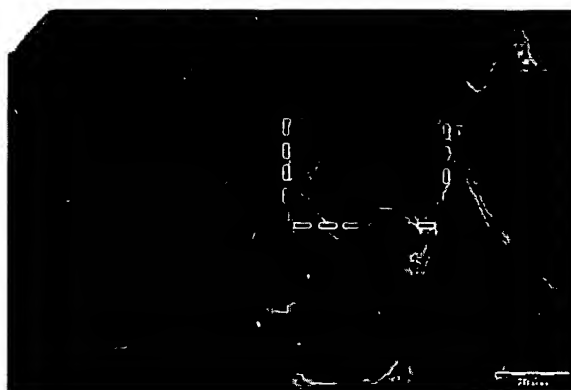


Fig. 97C



Fig. 97D

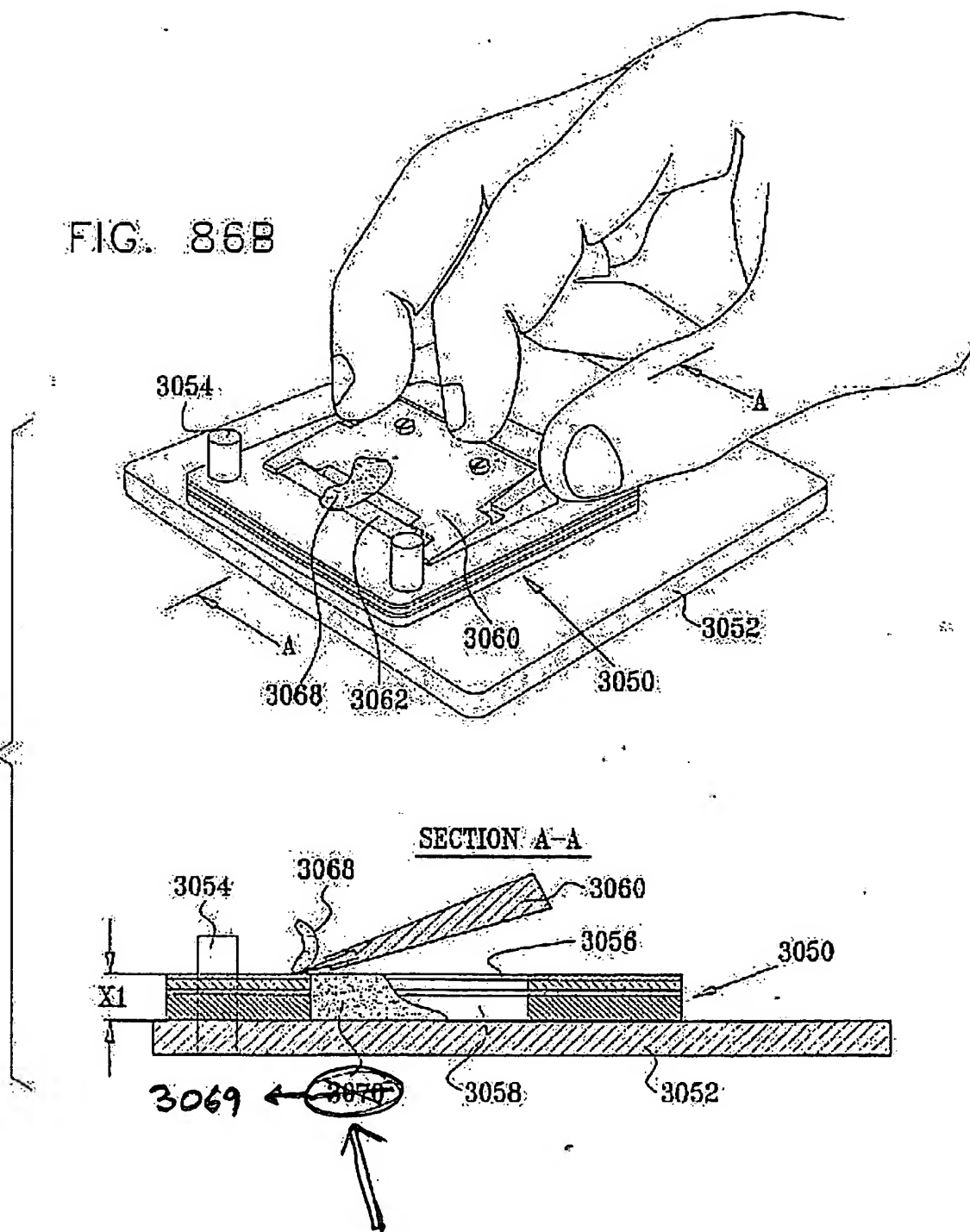


3286

3284

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FIG. 86B





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